

IN THE ABSTRACT

Please replace the Abstract starting at line 6 on page 28 through line 19 on page 28 with the following:

In a storage area network (SAN) management application, large data sets tend to produce unwieldy and even inoperable results upon display attempts. A mechanism for gathering and organizing a large data set, such as a set of XML elements, into an ordered set of output display entries which does not require main memory storage for the entire large data set, generates a displayable portion in a timely manner without excessive memory consumption. Configurations of the invention employ a multiple pass gathering and organization operation. The method identifies aAn output criteria specifiesying a key field and identifies a range of entries by specifying a particular screen for display from among the full range of screens. A parser retrieves and identifies the entries, during a first pass, using only the key field and an index for each of the entries in the large data set, to avoid loading all fields of each entry in entirety. A set of handlers, such as SAX callback handlers, triggered by parser events, identify entries corresponding to the display screen and identify the indices of the records for display, and perform aA second pass for fetchesing entries only for the identified entries corresponding to the output criteria.